

04/18/01

4-19-01

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PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

The Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**(Only) for new nonprovisional applications under
37 CFR 1.53(b)

Attorney Docket No. X-13168

First Named Inventor or Application Identifier

William Ernest Alborn, Jr., et al.

Express Mail Label No.

EL042029022US

Application Elements

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. ☒ Fee Transmittal Form (Submit an original, and a duplicate for fee processing)6. ☐ Microfiche Computer Program (Appendix)2. ☒ Specification [Total 105 Pages]
(preferred arrangement set forth below)

7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims
- Abstract of the Disclosure

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

☐ Drawing(s) (35 USC 113) [Total Sheets ☐☐ Oath or Declaration [Total Pages ☐

- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below]

- i. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d) (2) and 1.33(b).

ACCOMPANYING APPLICATION PARTS

- 8. ☐ Assignment Papers (cover sheet & document(s))
- 9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- 10. ☐ English Translation Document (if applicable)
- 11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- 12. ☐ Preliminary Amendment
- 13. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- 14. ☐ Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
- 15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- 16. ☐ Other: XXX

- 5. ☐ Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____ /**18. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label

(Insert Customer No. Or Attach bar code label here)

or

Correspondence address below

NAME	Charles E. Cohen				
	Eli Lilly and Company				
ADDRESS	Lilly Corporate Center				
	Patent Division DC: 1104				
CITY	Indianapolis	STATE	Indiana	ZIP CODE	46285
COUNTRY	U.S.A.	TELEPHONE	317-433-4983	FAX	317-276-1294

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Date of Deposit

4-18-01

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

Printed Name

John A. Cleveland, Jr.

Signature

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FEE TRANSMITTAL		Complete if Known	
Note: Effective November 10, 1997. Patent fees are subject to annual revision.		Application Number	
		Filing Date	
		First Named Inventor	
		Group Art Unit	
		Examiner Name	
TOTAL AMOUNT OF PAYMENT		Attorney Docket Number	
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number: 05-0840 Deposit Account Name: Eli Lilly and Company <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance 2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		3. ADDITIONAL FEES	
		Large Fee Code Entity Fee (\$) Small Fee Code Entity Fee (\$) Fee Description Fee Paid	
		105 130 205 65 Surcharge-late filing fee or oath <input type="text"/>	
		127 50 227 25 Surcharge-late provisional filing fee or cover sheet. <input type="text"/>	
		139 130 139 130 Non-English specification <input type="text"/>	
FEE CALCULATION		127 50 227 25 Surcharge-late provisional filing fee or cover sheet. <input type="text"/> 139 130 139 130 Non-English specification <input type="text"/> 147 2,520 147 2,520 For filing a request for reexamination <input type="text"/> 112 920* 112 920* Requesting publication of SIR prior to Examiner action <input type="text"/> 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action <input type="text"/> 115 110 215 55 Extension for reply within first month <input type="text"/> 116 390 216 195 Extension for reply within second month <input type="text"/> 117 890 217 445 Extension for reply within third month <input type="text"/> 118 1,390 218 695 Extension for reply within fourth month <input type="text"/> 128 1,890 228 945 Extension for reply within fifth month <input type="text"/> 119 310 219 155 Notice of Appeal <input type="text"/> 120 310 220 155 Filing a brief in support of an appeal <input type="text"/> 121 270 221 135 Request for oral hearing <input type="text"/> 138 1,510 138 1,510 Petition to institute a public use proceeding <input type="text"/> 140 110 240 55 Petition to revive-unavoidable <input type="text"/> 141 1,240 241 620 Petition to revive-unintentional <input type="text"/> 142 1,210 242 605 Utility issue fee (or reissue) <input type="text"/> 143 430 243 215 Design Issue Fee <input type="text"/> 144 580 244 290 Plant Issue Fee <input type="text"/> 122 130 122 130 Petitions to the Commissioner <input type="text"/> 123 50 123 50 Petitions related to provisional applications <input type="text"/> 126 240 126 240 Submission of Information Disclosure Stmt. <input type="text"/> 581 40 581 40 Recording each patent assignment per property (times number of properties) <input type="text"/> 146 710 246 355 Filing a submission after final rejection (37 CFR 1.129(a)) <input type="text"/> 149 710 249 355 For each additional invention to be examined (37 CFR 1.129(b)) <input type="text"/> 179 710 279 355 Request for Continued Examination (RCE) <input type="text"/> 169 900 169 900 Request for expedited examination of a design application <input type="text"/> Other fee (specify) _____ Other fee (specify) _____ *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	
1. FILING FEE			
Large Fee Code Entity Fee (\$) Small Fee Code Entity Fee (\$) Fee Description Fee Paid			
101 710 201 355 Utility filing fee 790			
106 320 206 160 Design filing fee <input type="text"/>			
107 490 207 245 Plant filing fee <input type="text"/>			
108 710 208 355 Reissue filing fee <input type="text"/>			
114 150 214 75 Provisional filing fee <input type="text"/>			
SUBTOTAL (1) \$790.00			
2. CLAIMS			
Total Claims 27 20** 7 X 18 = 126			
Independent Claims 6 3**= 3 X 80 = 240			
Multiple Dependent Claims (first time) <input type="text"/> X 270 = <input type="text"/>			
Large Fee Code Entity Fee (\$) Small Fee Code Entity Fee (\$) Fee Description			
103 18 203 9 Claims in excess of 20 <input type="text"/>			
102 80 202 39 Independent claims in excess of 3 <input type="text"/>			
104 270 204 135 Multiple dependent claim <input type="text"/>			
109 78 209 39 Reissue independent claims over original patent <input type="text"/>			
110 18 210 9 Reissue claims in excess of 20 and over original patent <input type="text"/>			
SUBTOTAL (2) \$366.00			
**or number previously paid, if greater; For Reissues, see above			
SUBMITTED BY			
Typed or Printed Name Charles E. Cohen			
Signature <i>Charles E. Cohen</i>			
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Date of Deposit 4-18-01			
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Printed Name John A. Cleveland, Jr.			
Signature <i>John A. Cleveland, Jr.</i>			